



SWING DOWN STABILIZER
OEM INSTALLATION MANUAL

L I P P E R T
C O M P O N E N T S ®

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Introduction

The Swing Down Stabilizer was designed to be an easy-to-install, easy-to-operate stabilizer for lightweight travel trailers. The leg extends a full 6". The Swing Down Stabilizer is infinitely adjustable from its retracted and extended length, which minimizes time and effort to support the trailer. Rectangular, steel tubing gives a support leg with high strength and minimal weight. A 4-inch square steel foot pad completes the sturdy assembly.

The maximum static load is 1,000 lbs and the maximum lifting capacity is 650 lbs for each stabilizer.

Safety

Read and fully understand all instructions before installing or operating this product. Adhere to all safety labels.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury and/or severe product or property damage if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

WARNING

Trailer MUST be supported per manufacturer's recommendations before working underneath. Failure to do so may result in death or serious personal injury and/or severe product or property damage.

WARNING

Personal Injury and Product Damage:

- **Never exceed the rated trailer capacity, trailer can collapse or tip over.**
- **Soft or spongy areas may allow stabilizer to sink, causing trailer to tip over. Additional support may be necessary.**
- **Do not place blocks under the stabilizer foot for additional ground clearance.**
- **Put the Swing Down Stabilizer in a stored position before moving trailer.**

⚠ CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

⚠ CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Resources Required

- Cordless or electric drill or screw gun
- Appropriate drive bits
- Torque wrench
- Two $\frac{3}{8}$ " - 16 x $\frac{3}{4}$ " hex head cap bolts
- Two $\frac{3}{8}$ " washers
- Two $\frac{3}{8}$ " nuts
- Tape measure
- Method of marking

Installation

Use a configuration of two stabilizers in the rear of the trailer or use four, one at each corner of the trailer.

Bolt on Method

1. Make sure the front of the chassis/frame is stabilized according to manufacturer recommendations.
2. Determine the location on the trailer frame rail where the Swing Down Stabilizer is to be installed.
3. Place the Swing Down stabilizer at the determined location underneath the frame rail of the trailer and mark the center bolt mounting holes (Fig. 1A) on the inside (Fig. 2A) and outside (Fig. 2B) of the frame rail flange.
4. Drill two holes at the marked locations as needed.
5. Insert a $\frac{3}{8}$ " bolt through each bolt mounting hole of the stabilizer and through the flange of the frame rail.
6. Attach a $\frac{3}{8}$ " nut onto each of the two bolts.
7. Torque nuts to 25-30 ft-lbs.

NOTE: Figure 3 shows an optional bolt on method through a frame tube.

Fig. 1

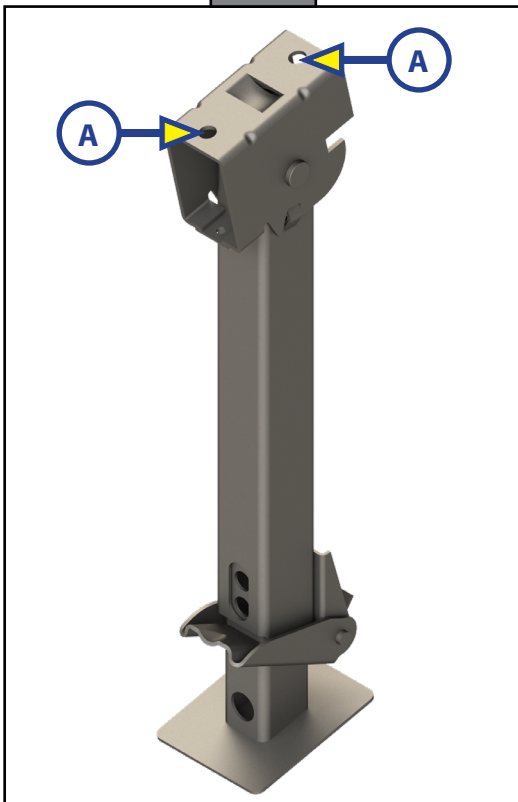


Fig. 2

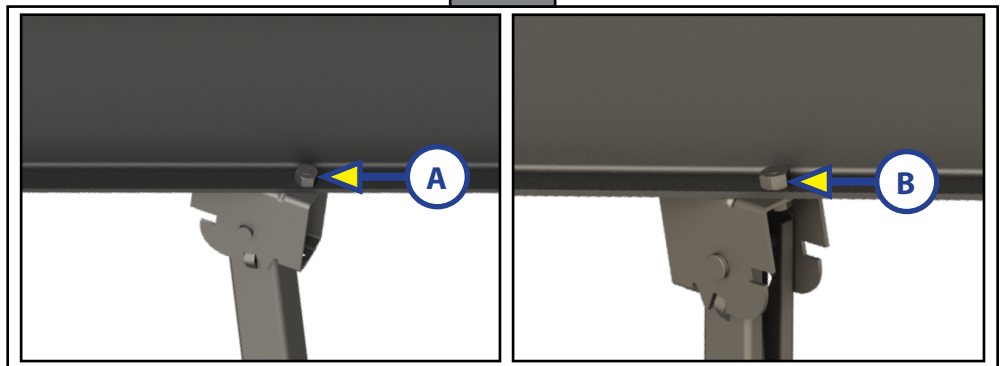
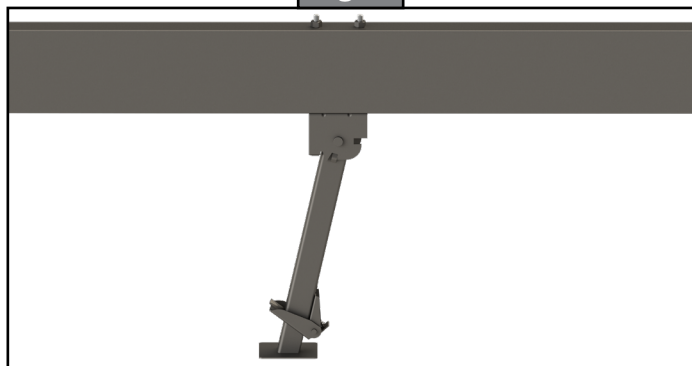
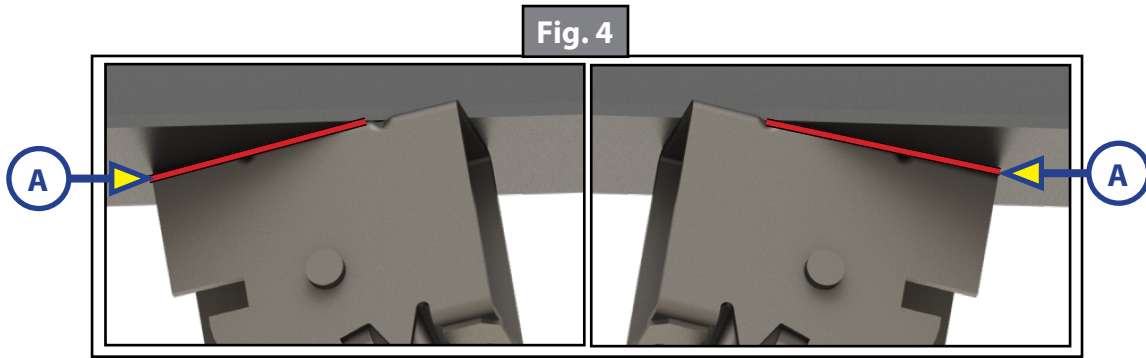


Fig. 3



Weld on Method

1. Use a 1/8" fillet weld, per AWS D1.1 and ANSI Z49.1.
2. Weld full length, both sides of the bolt/weld mounting (Fig. 4A).

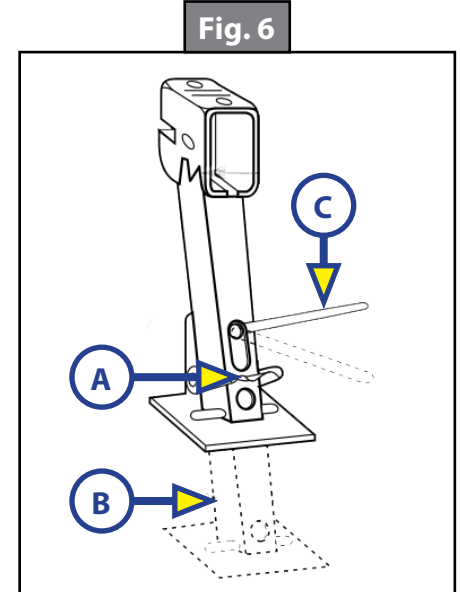
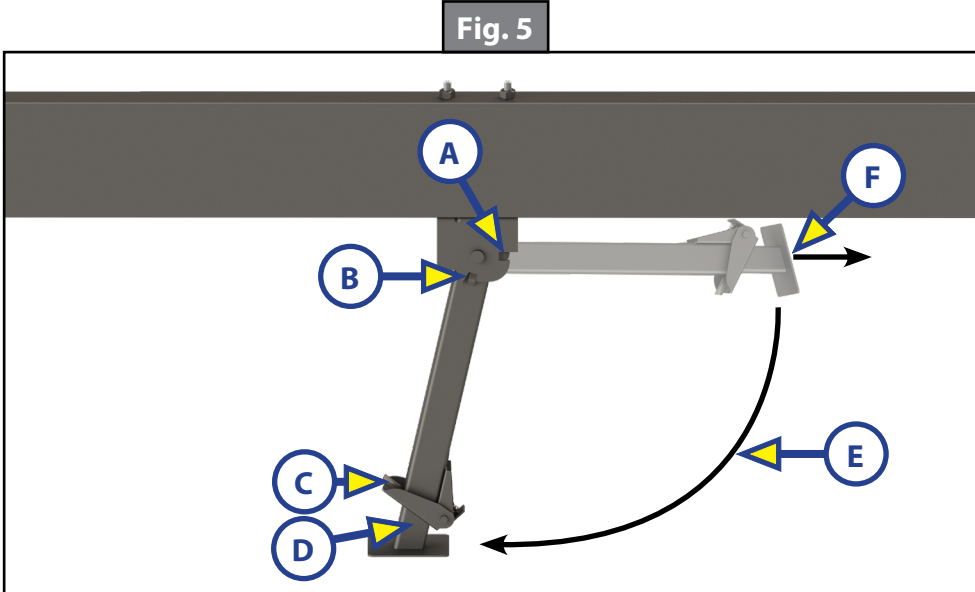


Operation

To ensure proper product installation, do an extend and retract check of the Swing Down Stabilizer.

Extend Swing Down Stabilizer

1. Make sure the trailer is properly supported or raised for clearance while performing the extend operation.
2. Pull the leg of the stabilizer out (Fig. 5F) from the stowed locking slots (Fig. 5A).
3. Swing the leg downward (Fig. 5E) until the tabs engage in the operational locking slots (Fig. 5B).
4. Press on the release lever (Fig. 5C or Fig. 6A). This will allow the drop leg of the telescoping stabilizer to slide down to the ground (Fig. 5D or Fig. 6B).
5. Insert the stabilizer rod (Fig. 6C) end through the hole in the rear of the stabilizer leg.
6. Crank the stabilizer rod downward for the desired leveling position.
7. Store the stabilizer rod in a secure location.



Retract Swing Down Stabilizer

1. Make sure the trailer is properly supported or raised for clearance while performing the retract operation.
2. Press down on the release lever (Fig. 5B) for a quick release, or insert one end of the jack rod (Fig. 6C) between the release lever and the bottom of the outer housing for a slower release.
3. Slide the drop leg (Fig. 5D or Fig. 6B) up into the main body of the leg.
4. Pull stabilizer towards the ground to disengage the tabs from the operational locking slots (Fig. 5B).
5. Swing the stabilizer leg upward towards the trailer stabilizer frame rail until the tabs catch inside the stowed locking slots (Fig. 5A).
6. Store the stabilizer rod in a secure location.

Notes

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook or legal stationery. There are no margins, text, or other markings on the page.



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Lippert Components, Inc.

Ph: (574) 537-8900 | Web: lci1.com | Email: customerservice@lci1.com



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